

50. (New) The method of claim 49, wherein the first surface geometry comprises a hexagonal cross section.

51. (New) The method of claim 49, wherein the first surface geometry comprises a square cross section.

52. (New) The method of claim 49, wherein the first surface geometry defines a compartment within the motor shaft.

53. (New) The method of claim 49, further comprising tightening a retainer onto the first end of the motor shaft and into abutment with the fan impeller.

54. (New) The method of claim 53, wherein the retainer comprises a threaded nut.

55. (New) The method of claim 49, wherein the lower assembly comprises a pump impeller.

56. (New) The method of claim 49, wherein the lower assembly comprises a bearing.

57. (New) A motor assembly, comprising:

a motor shaft having a first end with a first surface geometry comprising a non-circular cross section;

Adjacent to
a fan impeller disposed on the motor shaft proximate the first end of the motor shaft;

a shaft extension comprising a first end having a second surface geometry comprising a non-circular cross section coupled to the first surface geometry of the first end of the motor shaft; and

a lower assembly coupled to the shaft extension.

58. (New) The motor assembly of claim 57, further comprising a first washer disposed on a side of the fan impeller that is away from the first end of the motor shaft and second washer disposed a side of the fan impeller that is on a side of the fan impeller that is toward the first end of the motor shaft.

59. (New) The motor assembly of claim 58, further comprising a threaded retainer disposed on the first end of the motor shaft and into abutment with the second washer.

60. (New) The motor assembly of claim 57, wherein the first surface geometry defines a compartment within the motor shaft.

61. (New) The motor assembly of claim 57, wherein the shaft extension comprises a threaded nut rotatably connected thereto, wherein the threaded nut is threaded onto the first end of the motor shaft.

Sub F2 62. (New) A method of assembling a motor shaft with a motor component, the method comprising the steps of:

providing a motor shaft having a first end with a threaded periphery and a first surface geometry comprising a non-circular cross section;

placing a first washer over the first end of the motor shaft and onto the motor shaft;

installing a fan impeller over the first end of the motor shaft and onto the motor shaft proximate the first end of the motor shaft and into abutment with the first washer;

placing a second washer over the first end of the motor shaft and onto motor shaft into abutment with the fan impeller;

installing a threaded nut onto the threaded periphery of the first end of the motor shaft and into abutment with the second washer;

engaging a shaft extension comprising a first end having a second surface geometry comprising a non-circular cross section with the first surface geometry of the first end of the motor shaft; and

installing a second end of the shaft extension into a lower assembly.

63. (New) The method of claim 62, wherein the first surface geometry comprises a hexagonal cross section.

64. (New) The method of claim 62, wherein the first surface geometry comprises a square cross section.

65. (New) The method of claim 62, wherein the first surface geometry defines a compartment within the motor shaft.

Sub F3 66. (New) The method of claim 62, wherein the lower assembly comprise a pump impeller.

67. (New) The method of claim 62, wherein the lower assembly comprises a bearing.
